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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of: John Roderick Morrison et al.

Title: LONG-TERM CELL CULTURE COMPOSITIONS AND GENETICALLY MODIFIED ANIMALS  
DERIVED THEREFROM

Attorney Docket No.: 707.013US1

**PATENT APPLICATION TRANSMITTAL**

**BOX PATENT APPLICATION**

Commissioner for Patents  
Washington, D.C. 20231

We are transmitting herewith the following attached items and information (as indicated with an "X"):

- X Return postcard.  
X Utility Patent Application under 37 CFR § 1.53(b) comprising:  
X Specification ( 38 pgs, including claims numbered 1 through 44 and a 1 page Abstract).  
X Formal Drawing(s) ( 26 sheets).  
X Unsigned Combined Declaration and Power of Attorney ( 4 pgs).  
X Preliminary Amendment ( 2 pgs).

The filing fee (NOT ENCLOSED) will be calculated as follows:

|   | No. Filed | No. Extra | Rate   | Fee        |
|---|-----------|-----------|--------|------------|
| TOTAL CLAIMS                            | 44 - 20 = | 24        | x 18 = | \$432.00   |
| INDEPENDENT CLAIMS                      | 13 - 3 =  | 10        | x 80 = | \$800.00   |
| [ ] MULTIPLE DEPENDENT CLAIMS PRESENTED |           |           |        | \$0.00     |
| BASIC FEE                               |           |           |        | \$710.00   |
| TOTAL                                   |           |           |        | \$1,942.00 |

**THE FILING FEE WILL BE PAID UPON RECEIPT OF THE NOTICE TO FILE MISSING PARTS.**

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Date of Deposit: December 7, 2000

This paper or fee is being deposited on the date indicated above with the United States Postal Service pursuant to 37 CFR 1.10, and is addressed to the Commissioner for Patents, Box Patent Application, Washington, D.C. 20231.